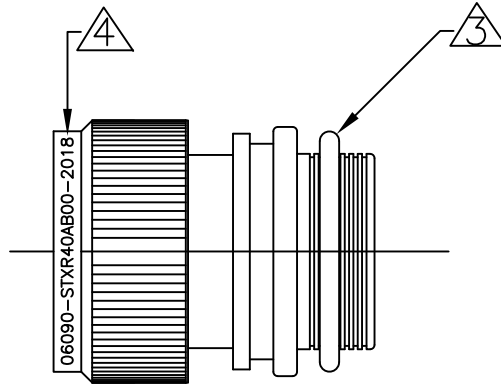


REVISION			
REV	DESCRIPTION	DATE	APPROVED
C1	REVISED PER ECO-14-016154	10/23/14	I. MYONG
D	REVISED PER ECO-15-002339	02/18/15	H. SMITH



## STXR40 TINEL-LOCK ADAPTER

### NOTES:

1. THIS PRODUCT IS DESIGNED TO TERMINATE A BRAIDED CABLE SHIELD AND A HEAT SHRINKABLE LIPPED BOOT TO A CONNECTOR. SEE NOTE 6 BELOW.
2. SEE SHEET 3 FOR TABLES OF DIMENSIONS, AND REFER TO CH00-0250-008 FOR PART ORDERING INFORMATION.
3. SEE DRAWING TR FOR DETAIL ON TINEL-LOCK RING. RINGS ARE DESIGNATED TO BE HEATED ELECTRICALLY. ALL RINGS ARE MARKED WITH THERMOCHROMIC PAINT WHICH CHANGES COLOR WHEN INSTALLATION TEMPERATURE IS REACHED.
4. ADAPTER TO BE PERMANENTLY MARKED WITH CODE IDENTIFICATION NUMBER AND PART NUMBER LESS RING DESIGNATOR. (e.g. 06090-STXR40AB00-2018). RING SHALL BEAR NO MARKING.
5. TINEL-LOCK RING ENTRY SIZE AND BRAID DESIGNATOR IS TO BE SPECIFIED IN PART NUMBER WHEN ORDERING.
6. ADAPTER MATES TO: MIL-DTL-38999L SERIES III AND IV, CLASS C, F, K, AND W, D38999/20, /24, /26, /40, /46, /47 CONNECTORS, WHEN SO MATED IT SHALL PROVIDE A WATER-TIGHT SEAL MEETING THE REQUIREMENTS OF SAE-AS85049, PARA 3.5.7.
7. FOR MODIFICATIONS, ALTERNATIVE MATERIALS AND FINISHES NOT SHOWN CONTACT TYCO ELECTRONICS.
8. PREFIX "S" DENOTES THAT THE ADAPTER HAS A LARGE ENTRY THAN THE STANDARD TXR BUT IS STILL OF THE TYPE I DESIGN.
9. SEE SHEET 3 FOR TABLE OF ENTRY SIZE APPLICABLE TO THE STXR RANGE. FOR ENTRY SIZES LARGER THAN MAX INDICATED, CONTACT TE.

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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.		TE Connectivity	
DECIMALS:   XXX ± .005 XX  ± .01 X   ± .1	ANGLES: ± 1°	<b>TE</b>	
TYCO ELECTRONICS RESERVES THE RIGHT TO AMEND THE DRAWING AND THE INFORMATION SET FORTH HEREON AT ANY TIME. USERS SHOULD INDEPENDENTLY EVALUATE THE SUITABILITY OF THE PRODUCT FOR THEIR APPLICATION.		TITLE: TINEL-LOCK ADAPTER "STXR" SERIES CODE 40	
		DOCUMENT NO: <b>STXR40</b>	
DRAWN: T. NGUYEN	CAD FILE: STXR	CAGE CODE: 06090	RPN: SIZE: A SCALE:            THIRD ANGLE PROJ.            SHEET: 1 OF 3

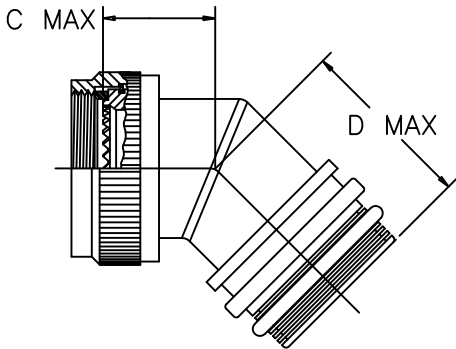
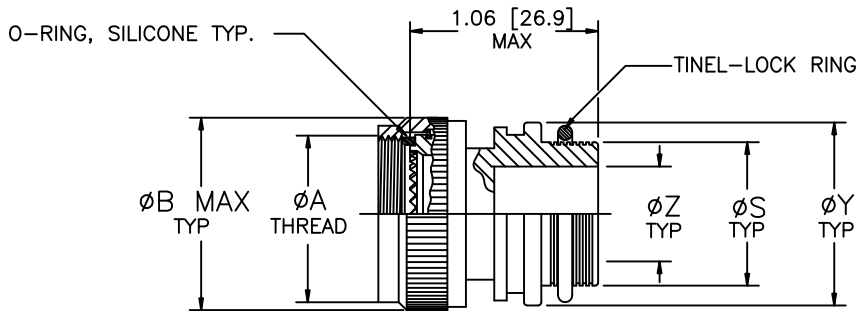


FIGURE 2  
45° ADAPTER

FIGURE 1  
STRAIGHT ADAPTER

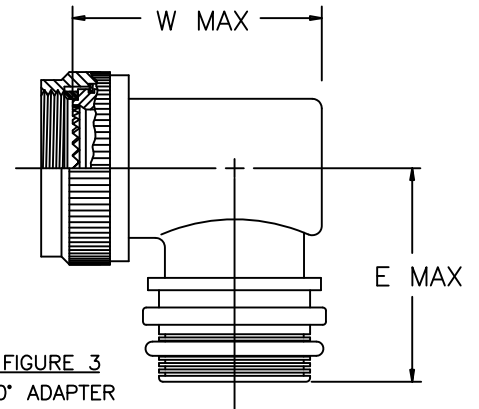


FIGURE 3  
90° ADAPTER

PART NUMBERING

S TXR 40 A B 00 - 20 18 B I

- △- PREFIX \_\_\_\_\_
- PRODUCT DESIGNATOR \_\_\_\_\_
- CONNECTOR CODE \_\_\_\_\_
- MATERIAL: \_\_\_\_\_
- A = ALUMINUM ALLOY B51474 6082-T6, B54300/S 2011 (TD), OR AMS-QQ-A-225.
- B = NICKEL ALUMINUM BRONZE DGS 1043 OR ASTM C 632000.
- S = STAINLESS STEEL B5970 303521 OR AMS-QQ-S-763.
- FINISH (SEE S-CH00-0157-002) \_\_\_\_\_
- CONFIGURATION: \_\_\_\_\_
- 00 = STRAIGHT, 45 = 45°, 90 = 90°
- ORDER NUMBER \_\_\_\_\_
- ENTRY SIZE \_\_\_\_\_
- BRAID DESIGNATOR: \_\_\_\_\_
- BRAID A: SINGLE LAYER 36 AWG.
- BRAID B: SINGLE LAYER 30 AWG.
- DOUBLE LAYER 36 AWG.
- RING WITH INSULATING LINING \_\_\_\_\_

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DOCUMENT NO:		<b>STXR40</b>		
CAGE CODE:	RPN:	SIZE:	SCALE:	THIRD ANGLE PROJ.
06090		A	1:1	
				SHEET: 2 OF 3

TABLE I




ORDER NUMBER	SHELL SIZE 		ENTRY SIZE 		ØA THREAD RH METRIC CLASS 6H	ØB MAX	ØC MAX	ØD MAX	ØE MAX	W MAX
	COM	MIL	MIN	(MAX) 						
08	9	A	05	6	M12 x 1.0	.750 (19.1)	.82 (20.8)	1.07 (27.3)	1.10 (27.9)	1.350 (34.3)
10	11	B	08	10	M15 x 1.0	.850 (21.6)	.84 (21.3)	1.10 (28.0)	1.20 (30.5)	1.598 (40.6)
12	13	C	09	12	M18 x 1.0	1.000 (25.4)	.87 (22.1)	1.12 (28.5)	1.26 (32.0)	1.728 (43.9)
14	15	D	12	16	M22 x 1.0	1.140 (29.0)	.89 (22.6)	1.16 (29.5)	1.34 (34.0)	2.000 (50.8)
16	17	E	14	18	M25 x 1.0	1.280 (32.5)	.92 (23.4)	1.19 (30.2)	1.40 (35.6)	2.130 (54.1)
18	19	F	16	20	M28 x 1.0	1.400 (35.6)	.95 (24.1)	1.22 (31.0)	1.45 (36.8)	2.252 (57.2)
20	21	G	18	22	M31 x 1.0	1.500 (38.1)	.97 (24.6)	1.23 (31.4)	1.51 (38.4)	2.252 (57.2)
22	23	H	20	24	M34 x 1.0	1.650 (41.9)	1.00 (25.4)	1.24 (31.6)	1.57 (39.9)	2.252 (57.2)
24	25	J	22	24	M37 x 1.0	1.750 (44.5)	1.02 (25.9)	1.28 (32.6)	1.67 (42.4)	2.252 (57.2)

TABLE II



ENTRY SIZE	ØZ	ØS	ØY
	+ .010 (0.25) - .020 (0.50)		+/- .015 (+/- 0.38)
05	.312 (7.92)	.432/.438 (10.97/11.13)	.612 (15.54)
06	.375 (9.52)	.495/.501 (12.57/12.73)	.675 (17.14)
07	.437 (11.09)	.556/.563 (14.12/14.31)	.737 (18.71)
08	.500 (12.70)	.619/.626 (15.72/15.91)	.800 (20.32)
10	.625 (15.87)	.742/.752 (18.84/19.11)	.925 (23.49)
12	.750 (19.05)	.867/.877 (22.02/22.28)	1.050 (26.67)
14	.875 (22.23)	.991/1.002 (25.17/25.46)	1.175 (29.84)
16	1.000 (25.40)	1.116/1.127 (28.34/28.63)	1.300 (32.02)
18	1.125 (28.57)	1.241/1.252 (31.52/31.81)	1.425 (36.19)
20	1.250 (31.75)	1.366/1.377 (34.69/34.98)	1.550 (39.37)
22	1.375 (34.93)	1.488/1.502 (37.79/38.15)	1.675 (42.55)
24	1.500 (38.10)	1.613/1.627 (40.97/41.33)	1.800 (45.72)

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DOCUMENT NO:

STXR40

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CAGE CODE: 06090	RPN:	SIZE: A	SCALE: 	THIRD ANGLE PROJ. 	SHEET: 3 OF 3
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